

UNI-REZ™ 110 Polyamide Resin

PRODUCT DATA SHEET

UNI-REZ 110 polyamide resin is an alcohol soluble / co-solvent type resin with excellent solvent release and blocking properties. UNI-REZ 110 polyamide resin was developed for release lacquers but can also be used as a modifying resin to improve hardness.

FEATURES:

- Excellent adhesion, gloss, and blocking resistance
- Good solvent release and compatibility with nitrocellulose
- High softening point

POTENTIAL APPLICATIONS:

- Used for flexographic printing and heat seal applications
- Can be used for overprint lacquers, especially cold seal release lacquers
- Used as modifier to improve hardness

SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Softening Point, Ring & Ball, °C	AQCM 003A	138-148	142
Color, 35% Toluene/ n-Butanol, Gardner	AQCM 002C	Max. 7	5
Acid Number	AQCM 001	Max. 6	2.7
Amine Number	AQCM 069A	Max. 7	2.2
Solution Viscosity Brookfield, 35% Toluene/ n-Butanol, 25°C	AQCM 004	25-40	32

*Kraton test methods are available upon request

TYPICAL VALUES

Property	Test Method*	Typical Value
Solution Viscosity Brookfield, 35% in i-Propanol/VM&P Naphtha, 25°C	AQCM 004	41
Zahn cup #2 elution time (sec.), 35% in i-Propanol/VM&P Naphtha, 25°C	AQCM 145	23
Solution Viscosity Brookfield, 40% in n-Propanol, 25°C	AQCM 004	97
Zahn cup #2 elution time (sec.), 40% in n-Propanol, 25°C	AQCM 145	86
Viscosity, Brookfield, cps 160°C	AQCM 004	371
Color, 40% in n-Propanol, Gardner	AQCM 002A	5 +

*Kraton test methods are available upon request

Contact us:

Almere (NL): +31 (0)36 54 62 800
 Savannah (US): + 1 (912) 238-6439
 Shanghai (CN): + 86 21 6434 8898
www.kraton.com

DOT SHIPPING CLASSIFICATION	Not regulated as dangerous goods.
PACKAGING	UNI-REZ 110 is a granulated resin, packaged in multiwall paper bags, 50lbs. and 500Kg big bags.
STORAGE RECOMMENDATION	Granulated forms of resin are prone to slow oxidation which may result in darkening and/or have an adverse effect on solubility after prolonged storage. The shelf life of this product can be extended by storing in full, closed containers kept in a cool, dry area.

Disclaimer

We cannot anticipate all circumstances, conditions or applications in which this information, our products, or the products of other suppliers in combination with our products may be used. We accept no responsibility for results obtained by the application of this information or for the safety or suitability of our products, either alone or in combination with other products. The user of our products bears the responsibility of determining their suitability for a particular application or formulation, or determining that the products or their use do not infringe any intellectual property. Unless otherwise stated in writing, WE MAKE NO WARRANTY REGARDING THE INFORMATION PROVIDED HEREIN OR OUR PRODUCT, EITHER EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT OF ANY INTELLECTUAL PROPERTY. The buyer assumes all responsibility and liability for loss or damage arising from the handling and use of our products, whether used alone or in combination with other products.

KRATON, the KRATON logo, and UNI-REZ are trademarks of Kraton Corporation, or its subsidiaries or affiliates, in one or more, but not all countries.

©2016 Kraton Corporation

Contact us:

Almere (NL): +31 (0)36 54 62 800
Savannah (US): + 1 (912) 238-6439
Shanghai (CN): + 86 21 6434 8898
www.kraton.com